CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application:

1.   (Original) A method in a notification server for providing a notification of an occurrence of an event, the method comprising the steps of:

receiving an event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information;

determining notification information that identifies a device to be notified of the occurrence of the event in response to receiving the event notification string; and

providing an event notification to the device in response to determining the notification information.

2.   (Original) The method of claim 1, wherein the step of receiving the event notification string comprises receiving a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

3.   (Original) The method of claim 1, wherein the step of receiving the event notification string comprises receiving at least one of an event type, an event value, an application session identifier, and a parameter.

4.   (Original) The method of claim 1, wherein the step of determining the notification information comprises accessing a database comprising notification preferences of a user.

5.   (Original) The method of claim 4, wherein the step of accessing a database comprises accessing an application-state registry.

6.   (Original) The method of claim 4, wherein the step of accessing a database comprises accessing user profile information from a lightweight directory access protocol (LDAP) directory.

7.   (Original) The method of claim 4, wherein the step of providing the event notification comprises notifying the device according to the notification preferences.

8.   (Original) The method of claim 4, wherein the step of providing the event notification comprises notifying at least one preferred device identified by the notification preferences.

9.   (Original) The method of claim 1, wherein the step of receiving the event notification string comprises receiving an application session identifier, and the step of determining the notification information comprises accessing an application-state data record based on the application session identifier.

10.   (Original) The method of claim 1, wherein the step of providing an event notification to the device comprises providing the event notification based on an application programming interface (API) to a service that provides communication to an external resource.

11.   (Original) The method of claim 1, further comprising the steps of:
          providing an event identifier in response to receiving the event notification string and determining the notification information;
          receiving a query request based on the event identifier that

requests a status of the event notification; and

     providing a response to the query request that indicates the status of the event notification.

12.   (Original) A notification server configured for providing a notification of an occurrence of an event, the notification server comprising:

     a network interface; and

     an executable resource, wherein:

        the network interface is configured to receive an event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information;

        the executable resource is configured to determine notification information that identifies a device to be notified of the occurrence of the event based on the event notification string; and

        the executable resource is configured to provide through the network interface an event notification to the device based on the notification information.

13.   (Original) The notification server of claim 12, wherein the event notification string is a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

14.   (Original) The notification server of claim 12, wherein the event notification string comprises at least one of an event type, an event value, an application session identifier, and a parameter.

15.   (Original) The notification server of claim 12, wherein the executable resource accesses a database comprising notification preferences of a user.

16.   (Original) The notification server of claim 15, wherein the database is application-state registry.

17.   (Original) The notification server of claim 15, wherein the database is a lightweight directory access protocol (LDAP) directory and the executable resource accesses user profile information from the LDAP directory.

18.   (Original) The notification server of claim 15, wherein the network interface notifies the device according to the notification preferences.

19.   (Original) The notification server of claim 15, wherein the network interface notifies at least one preferred device identified by the notification preferences.

20.   (Original) The notification server of claim 12, wherein the event notification string comprises an application session identifier, and the executable resource accesses an application-state data record based on the application session identifier.

21.   (Original) The notification server of claim 12, wherein the executable resource provides the event notification based on an application programming interface (API) to a service that provides communication to an external resource.

22.   (Original) The notification server of claim 12, wherein:

the network interface provides an event identifier generated by the executable resource based on the event notification string and the notification information;

the network interface receives a query request based on the event identifier that requests a status of the event notification; and

the executable resource provides through the network interface a response to the query request that indicates the status of the event notification.

23.   (Original) A notification server configured for providing a notification of an occurrence of an event, the notification server comprising:

a network interface; and

means for producing an event notification, wherein:

the network interface is configured to receive an event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information;

the producing means is configured to determine notification information that identifies a device to be notified of the occurrence of the event based on the event notification string; and

the producing means is configured to provide through the network interface an event notification to the device based on the notification information.

24.   (Original) The notification server of claim 23, wherein the network interface receives a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

25.   (Original) A computer program product that includes a computer readable medium having instructions for providing a notification of an occurrence of an event, such that the instructions, when carried out by a computer, cause the computer to perform the steps of:

receiving an event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information;

determining notification information that identifies a device to be notified of the occurrence of the event in response to receiving the event notification string; and

providing an event notification to the device in response to determining the notification information.

26.   (Original) The computer program product of claim 25, wherein the step of receiving the event notification string comprises receiving a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

27.   (Original) A method in a computer system for requesting a notification of an occurrence of an event, the method comprising the steps of:

detecting the occurrence of the event;

generating an event notification string in response to detecting the occurrence of the event, the event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information on a notification server; and

providing the event notification string to the notification server in response to generating the event notification string.

28.   (Original) The method of claim 27, wherein the step of generating the event notification string comprises generating a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

29.   (Original) The method of claim 27, wherein the step of generating the event notification string comprises referencing a uniform resource locator (URL) comprising the event information, the identification information, and an address of the notification server, and generating a hypertext transport protocol (HTTP) request based on the URL.

30.   (Original) The method of claim 27, wherein the step of generating the event notification string comprises generating at least one of an event type, an event value, an application session identifier, and a parameter.

31.   (Original) The method of claim 27, wherein the step of generating the event notification string comprises generating an application session identifier that corresponds to an application-state data record.

32.   (Original) The method of claim 27, further comprising the steps of:
              receiving an event identifier in response to providing the event notification string;
              providing a query request based on the event identifier that requests a status of the notification; and
              receiving a response indicating the status of the notification.

33.   (Original) A computer system configured for requesting a notification of an occurrence of an event, the computer system comprising:
              a network interface; and
              a first executable resource, wherein:

the first executable resource is configured to detect the occurrence of the event;

the first executable resource is configured to generate an event notification string in response to detecting the occurrence of the event, the event notification string comprising event information that identifies at least one feature of the event and identification information that identifies a second executable resource capable of processing the event information on a notification server; and

the network interface is configured to provide the event notification string to the notification server.

34. (Original) The computer system of claim 33, wherein the event notification string is a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

35. (Original) The computer system of claim 33, further comprising a uniform resource locator (URL) comprising the event information, the identification information, and an address of the notification server, and the first executable resource generates a hypertext transport protocol (HTTP) request based on the URL.

36. (Original) The computer system of claim 33, wherein the event notification string comprises at least one of an event type, an event value, an application session identifier, and a parameter.

37. (Original) The computer system of claim 33, wherein the event notification string comprises an application session identifier that corresponds to an application-state data record.

38.   (Original) The computer system of claim 33, wherein:

the network interface receives an event identifier in response to the event notification string;

the first executable resource provides through the network interface a query request based on the event identifier that requests a status of the notification; and

the network interface receives a response indicating the status of the notification.

39.   (Original) A computer system configured for requesting a notification of an occurrence of an event, the computer system comprising:

a network interface; and

means for producing an event notification string, wherein:

the producing means is configured to detect the occurrence of the event;

the producing means is configured to generate an event notification string in response to detecting the occurrence of the event, the event notification string comprising event information that identifies at least one feature of the event and identification information that identifies a second executable resource capable of processing the event information on a notification server; and

the network interface is configured to provide the event notification string to the notification server.

40.   (Original) The computer system of claim 39, wherein the event notification string is a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

41.   (Original) A computer program product that includes a computer readable medium having instructions for requesting a notification of an occurrence

of an event, such that the instructions, when carried out by a computer, cause the computer to perform the steps of:

    detecting the occurrence of the event;

    generating an event notification string in response to detecting the occurrence of the event, the event notification string comprising event information that identifies at least one feature of the event and identification information that identifies an executable resource capable of processing the event information on a notification server; and

    providing the event notification string to the notification server in response to generating the event notification string.

42.   (Original) The computer program product of claim 41, wherein the step of generating the event notification string comprises generating a hypertext transport protocol (HTTP) request comprising the event information and the identification information.

43.   (Original) A hypertext transport protocol (HTTP) request suitable for use in requesting a notification of an occurrence of an event, comprising:

    event information that identifies at least one feature of the event; and

    identification information that identifies an executable resource capable of processing the event information on a notification server.

44.   (Original) The hypertext transport protocol request of claim 43, wherein the event information comprises at least one of an event type, an event value, an application session identifier, and a parameter.

45.   (Original) The hypertext transport protocol request of claim 43, wherein the event information comprises an application session identifier that corresponds to an application-state data record.

46.   (Previously Presented) A computer data propagated signal embodied in a propagation medium, having a packet of data comprising a hypertext transport protocol (HTTP) request suitable for use in requesting a notification of an occurrence of an event, the HTTP request comprising:

       event information that identifies at least one feature of the event; and

       identification information that identifies an executable resource capable of processing the event information on a notification server.

47.   (Original) The computer data propagated signal of claim 46, wherein the event information comprises at least one of an event type, an event value, an application session identifier, and a parameter.

48.   (Original) The computer data propagated signal of claim 46, wherein the event information comprises an application session identifier that corresponds to an application-state data record.

49.   (Original) A uniform resource locator (URL) suitable for use in requesting a notification of an occurrence of an event, the URL comprising:

       event information that identifies at least one feature of the event;

       identification information that identifies an executable resource capable of processing the event information on a notification server; and

       an address of the notification server.

50.   (Original) The uniform resource locator of claim 49, wherein the event information comprises at least one of an event type, an event value, an application session identifier, and a parameter.

51.   (Original) The uniform resource locator of claim 49, wherein the event information comprises an application session identifier that corresponds to an application-state data record.

52.   (New) A method in a notification server for providing a notification of an occurrence of an event, the method comprising the steps of:

receiving an event notification string comprising event information that identifies at least one feature of the event, identification information that identifies an executable resource capable of processing the event information and at least one of an event type, an event value, an application session identifier, a parameter, and an application session identifier;

determining notification information that identifies a device to be notified of the occurrence of the event by accessing an application-state data record based on the application session identifier in response to receiving the event notification string;

providing an event notification to the device in response to determining the notification information;

providing an event identifier in response to receiving the event notification string and determining the notification information;

receiving a query request based on the event identifier that requests a status of the event notification; and

providing a response to the query request that indicates the status of the event notification.

53.   (New) A notification server configured for providing a notification of an occurrence of an event, the notification server comprising:

a network interface; and

an executable resource, wherein:

the network interface is configured to receive an event notification string comprising event information that identifies at least one feature of the event, identification information that identifies an executable resource capable of

processing the event information, an application session identifier, and at least one of an event type, an event value, an application session identifier, and a parameter;

the executable resource is configured to determine notification information that identifies a device to be notified of the occurrence of the event based on the event notification string and to provide through the network interface an event notification to the device based on the notification information, and wherein the executable resource accesses an application-state data record based on the application session identifier;

the network interface provides an event identifier generated by the executable resource based on the event notification string and the notification information;

the network interface receives a query request based on the event identifier that requests a status of the event notification; and

the executable resource provides through the network interface a response to the query request that indicates the status of the event notification.